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PATENT

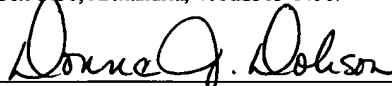
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jean-Pierre Dath et al.  
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International Application No.: PCT/EP2003/009141  
International Filing Date: August 13, 2003  
Attorney Docket No.: F-857 (31223.00074)  
Title: PRODUCTION OF OLEFINS  
Customer Number: 25264

Commissioner for Patents  
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|------------------------|---------------------|
| Application Number     | 10/524,640          |
| Filing Date            | February 11, 2005   |
| First Named Inventor   | Jean-Pierre Dath    |
| Art Unit               | Unknown             |
| Examiner Name          | Unknown             |
| Attorney Docket Number | F-857 (31223.00074) |

Sheet 1 of 1

**U. S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       |                          | US- 4,061,724                            | 12-06-1977                     | Grose et al.                                       |   |
|                       |                          | US- 4,524,235                            | 06-18-1985                     | Banks et al.                                       |   |
|                       |                          | US- 4,527,001                            | 07-02-1985                     | Kaiser   |   |
|                       |                          | US- 4,861,938                            | 08-29-1989                     | Lewis et al.                                       |   |
|                       |                          | US- 5,063,187                            | 11-05-1991                     | Burgfels et al.                                    |   |
|                       |                          | US- 5,095,163                            | 03-10-1992                     | Barger   |   |
|                       |                          | US- 5,126,308                            | 06-30-1992                     | Barger et al.                                      |   |
|                       |                          | US- 6,033,555                            | 03-07-2000                     | Chen et al.  |   |
|                       |                          | US- 6,646,175 B1                         | 11-11-2003                     | Dath et al.  |   |
|                       |                          | US- 6,646,176 B1                         | 11-11-2003                     | Dath et al.  |   |
|                       |                          | US- 6,713,658 B1                         | 03-30-2004                     | Dath et al.  |   |
|                       |                          | US-                                      |                                |  |   |
|                       |                          | US-                                      |                                |  |   |
|                       |                          | US-                                      |                                |  |   |
|                       |                          | US-                                      |                                |  |   |
|                       |                          | US-                                      |                                |  |   |
|                       |                          | US-                                      |                                |  |   |
|                       |                          | US-                                      |                                |  |   |
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**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|-----------------------|--------------------------|---|-----------------------------------|--|---|----------------|
|                       |                          | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
|                       |                          | EP 0 123 449 A1   | 10-31-1984                        | Mobil Oil Corporation                              |   |                |
|                       |                          | EP 0 448 000 A1   | 09-25-1991                        | Sud-Chemie AG                                      |   |                |
|                       |                          | EP 0 921 181 A1   | 06-09-1999                        | Fina Research S.A.                                 |   |                |
|                       |                          | EP 0 882 692 A1   | 12-09-1998                        | Metallgesellschaft Aktien                          |   |                |
|                       |                          | WO 99/29802 A1  | 06-17-1999                        | Fina Research S.A.                                 |   |                |
|                       |                          | WO 99/29805 A1  | 06-17-1999                        | Fina Research S.A.                                 |   |                |

|                       |                    |
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| Examiner<br>Signature | Date<br>Considered |
|-----------------------|--------------------|

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